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(54) RUST-PREVENTIVE PRESS OIL

(57)Abstract:

PURPOSE: To provide a rust-preventive press oil for surface-treated steel sheets which suffices when it is applied once on delivery as rust-preventive oil to a surface-treated steel sheet and excels in cleaning and degreasing performances in pretreatment before coating.

CONSTITUTION: A base oil is mixed with 1-5 pts.wt. pressability improving aid selected from the group consisting of alkali metal salts of alkyl acidic phosphates and alkaline earth metal salts of alkyl acidic phosphates, 0.01-1 pt.wt. oil stain preventive selected from the group consisting of an alkyl- benzotriazole and an arylbenzotriazole, 5-50 pts.wt. rust preventive selected from the group consisting of alkali metal salts of overbased alkylsulfonic acids and alkaline earth metal salts of overbased alkylsulfonic acids and 1-10 pts.wt. solid lubricant selected from the group consisting of alkali metal carbonates and oxides and alkaline earth metal carbonates and oxides mainly consisting of 1 $\mu$ m or smaller particles, and the viscosity (at 40° C) of the obtained mixture is adjusted to 5-40cSt.

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